



DEPARTMENT OF THE NAVY

COMMANDER
NAVY REGION HAWAII
850 TICONDEROGA ST STE 110
JBPHH, HAWAII 96860-5101

RECEIVED
SAFE DRINKING
WATER BRANCH

JAN - 5 2017

5750

Ser N4/0706

December 29, 2016

RECEIVED JAN 03 2017

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Dear Sir or Madam:

SUBJECT: GROUNDWATER LEVEL DATA FROM NAVY MONITORING WELLS COLLECTED
ON NOVEMBER 18, 2016, RED HILL BULK FUEL STORAGE FACILITY, JOINT
BASE PEARL HARBOR-HICKAM, OAHU, HAWAII

As planned, groundwater level data was collected from the Navy's monitoring network on November 18, 2016 between 9:00 am to 12:00 pm. The results of this effort are enclosed. The Department of the Navy (Navy) and the Defense Logistics Agency (DLA) manually measured depths to groundwater as part of a cooperative groundwater level measurement event with the Department of Land and Natural Resources, United States Geological Survey (USGS), and the Board of Water Supply.

As previously discussed and agreed upon, all water level data collected by the various agencies as part of this cooperative effort are to be provided for compilation and review to the Environmental Protection Agency (EPA), the State of Hawaii Department of Health (DOH), and the USGS. It is important to note that the Navy/DLA plans to re-survey top-of-casing elevations at monitoring wells within our network following the installation of all new groundwater monitoring wells, which is currently projected for early 2017. The Navy/DLA intends to provide EPA, DOH, the USGS, and the National Geodetic Survey the updated elevation data as soon as it is available.

We respectfully request a copy of all water level data collected as part of this cooperative effort as well as top-of-casing elevations for each corresponding monitoring well, once the data is reviewed and compiled.

We appreciate your participation and support in this effort. If you have any questions, please contact Aaron Y. Poentis of our Regional Environmental Department at (808) 471-3858, or at aaron.poentis@navy.mil.

Sincerely,

R. D. HAYES, III
Captain, CEC, U.S. Navy
Regional Engineer
By direction of the
Commander

Enclosure: Table 1: Summary of Manual Water Level Measurements Collected on November 18, 2016,
Red Hill Bulk Fuel Storage Facility, Joint Base Pearl Harbor-Hickam, Hawaii

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Distribution:
U.S. Environmental Protection Agency
State of Hawaii Department of Health
United States Geological Survey

Copy to:
Mr. Steve Anthony
United States Geological Survey
Pacific Islands Water Science Center
Inouye Regional Center
1845 Wasp Boulevard, B176
Honolulu, HI 96818

Mr. Steve Linder
Underground Storage Tank Program
U.S. Environmental Protection Agency
Region IX
75 Hawthorne Street
San Francisco, CA 94105

Table 1: Summary of Manual Water Level Measurements Collected on November 18, 2016

Monitoring Well Location	Time	Depth to Water Level (feet TOC)	Notes
RHMW2254-01 ^a	0929	80.45	Morning Readings
	0932	80.45	
	0934	80.45	
	1138	80.46	Afternoon Readings (Re-Visit)
	1139	80.45	
	1141	80.45	
RHMW03 ^a	1012	101.78	
	1014	101.78	
	1015	101.78	
RHMW02 ^a	1030	85.52	
	1031	85.53	
	1032	85.53	
	1034	85.545	
	1035	85.545	
RHMW01 ^a	1048	82.85	
	1050	82.85	
	1052	82.85	
RHMW05 ^a	1106	82.185	
	1108	82.185	
	1109	82.185	
RHMW04 ^b	0901	293.11	Morning Readings
	0902	293.11	
	1129	293.03	Afternoon Readings (Re-Visit)
	1131	293.03	
RHMW06 ^b	0927	240.28	In-Well Readings
	0929	240.28	
	0933	240.17	Stand Pipe Readings
	0935	240.17	
RHMW07 ^b	0948	197.58	In-Well Readings
	0950	197.58	
	0954	197.44	Stand Pipe Readings
	0955	197.45	
RHMW08 ^b	1013	291.63	
	1014	291.63	
RHMW09 ^b	1044	376.73	
	1046	376.74	
OWDFMW01 ^b	1109	119.07	
	1111	119.07	

TOC top of casing

^a Electric tape - Solinst 101 P2 SN #225213

^b Electric tape - Solinst 101 P7 SN #236327

ENCLOSURE(1)